ELSEVIER

Journal of Controlled Release 48 (1997) 365–366

journal of controlled release

Author Index Volume 48 (1997)

Am Ende, M.T. and Peppas, N.A., Transport of ionizable drugs and proteins in crosslinked poly(acrylic acid) and poly(acrylic acid-co-2-hydroxyethyl methacrylate) hydrogels. II. Diffusion and release studies (48) 47
Anderson, K.E., see Grundy, J.S. (48) 1
Anderson, K.E., see Grundy, J.S. (48) 9
Bentz, H., see Schroeder-Tefft, J.A. (48) 29
Bernatchez, S.F., see Zignani, M. (48) 115
Bunjes, H., see Westesen, K. (48) 223
Cammas, S., Suzuki, K., Sone, C., Sakurai, Y., Kataoka, K. and Okano, T., Thermo-responsive polymer nanoparticles with a core-shell micelle structure as site-specific drug carriers (48) 157
Cha, Y., see Gutowska, A. (48) 141
Chan Kwon, I., see Gutowska, A. (48) 141
Chaturvedi, P., see Chickering, D.E. (48) 35
Chickering III, D.E., Jacob, J.S., Desai, T.A., Harrison, M., Harris, W.P., Morrell, C.N., Chaturvedi, P. and Mathiowitz, E., Bioadhesive microspheres: III. An in vivo transit and bioavailability study of drug-loaded alginate and poly(fumaric-co-sebacic anhydride) microspheres (48) 35
Cleek, R.L., Ting, K.C., Eskin, S.G. and Mikos, A.G., Microparticles of poly(DL-lactic-co-glycolic acid)/poly(ethylene glycol) blends for controlled drug delivery (48) 259
Compans, R.W., see Mestecky, J. (48) 243
Couvreur, P., see De Oliveira, M.C. (48) 179
Dash, P.R., Toncheva, V., Schacht, E. and Seymour, L.W., Synthetic polymers for vectorial delivery of DNA: characterisation of polymer-DNA complexes by photon correlation spectroscopy and stability to nuclease degradation and disruption by polyanions in vitro (48) 269
De Oliveira, M.C., Fattal, E., Ropert, C., Malvy, C. and Couvreur, P., Delivery of antisense oligonucleotides by means of pH-sensitive liposomes (48) 179
Derbyshire, E.J., see Thorpe, P.E. (48) 277
Desai, T.A., see Chickering, D.E. (48) 35
Eskin, S.G., see Cleek, R.L. (48) 259
Estridge, T.D., see Schroeder-Tefft, J.A. (48) 29
Fattal, E., see De Oliveira, M.C. (48) 179
Foster, R.T., see Grundy, J.S. (48) 1
Foster, R.T., see Grundy, J.S. (48) 9
Franssen, O., see Hennink, W.E. (48) 107
Gajanan Shukla, P., see Hirano, T. (48) 131
Gardner, L.B., see Saks, S.R. (48) 237
Gröning, R., Computer-controlled drug release from small-sized dosage forms (48) 185
Grundy, J.S., Anderson, K.E., Rogers, J.A. and Foster, R.T., Studies on dissolution testing of the nifedipine gastrointestinal therapeutic system. I. Description of a two-phase in vitro dissolution test (48) 1
Grundy, J.S., Anderson, K.E., Rogers, J.A. and Foster, R.T., Studies on dissolution testing of the nifedipine gastrointestinal therapeutic system. II. Improved in vitro-in vivo correlation using a two-phase dissolution test (48) 9
Gurny, R., see Zignani, M. (48) 115
Gutowska, A., Seok Bark, J., Chan Kwon, I., Han Bae, Y., Cha, Y. and Wan Kim, S., Squeezing hydrogels for controlled oral drug delivery (48) 141
Han Bae, Y., see Gutowska, A. (48) 141
Harris, W.P., see Chickering, D.E. (48) 35
Harrison, M., see Chickering, D.E. (48) 35
Heller, J., see Zignani, M. (48) 115
Hennink, W.E., Franssen, O., Van Dijk-Wolthuis, W.N.E. and Talsma, H., Dextran hydrogels for the controlled release of proteins (48) 107
Hirano, T., Todoroki, T., Morita, R., Kato, S., Ito, Y., Kim, K.-H., Gajanan Shukla, P., Veronese, F., Maeda, H. and Ohashi, S., Anti-inflammatory effect of the conjugate of superoxide dismutase with the copolymer of divinyl ether and maleic anhydride against rat re-expansion pulmonary edema (48) 131
Ito, Y., see Hirano, T. (48) 131
Jacob, J.S., see Chickering, D.E. (48) 35
Kalish, R.S., Wood, J.A., Kydonieus, A. and Wille, J.J., Prevention of contact hypersensitivity to topically applied drugs by ethacrynic acid: potential application to transdermal drug delivery (48) 79
Kataoka, K., see Cammas, S. (48) 157
Kataoka, K., see Kwon, G. (48) 195
Kato, S., see Hirano, T. (48) 131
Kildsig, D.O., see Li, T. (48) 57
Kim, K.-H., see Hirano, T. (48) 131
Kloeti, W., see Zignani, M. (48) 115
Kobayashi, M., see Matsumoto, A. (48) 19
Koch, M.H.J., see Westesen, K. (48) 223
Kwon, G., Naito, M., Yokoyama, M., Okano, T., Sakurai, Y. and Kataoka, K., Block copolymer micelles for drug delivery: loading and release of doxorubicin (48) 195
Kydonieus, A., see Kalish, R.S. (48) 79

Lasic, D.D., Recent developments in medical applications of liposomes: sterically stabilized liposomes in cancer therapy and gene delivery in vivo (48) 203
Li, T., Kildsig, D.O. and Park, K., Computer simulation of molecular diffusion in amorphous polymers (48) 57
Maeda, H., see Hirano, T. (48) 131
Malvy, C., see De Oliveira, M.C. (48) 179
Maniar, M., see Park, E.-S. (48) 67
Mathiowitz, E., see Chickering, D.E. (48) 35
Matsukawa, Y., see Matsumoto, A. (48) 19
Matsumoto, A., Matsukawa, Y., Suzuki, T., Yoshino, H. and Kobayashi, M., The polymer-alloys method as a new preparation method of biodegradable microspheres: principle and application to cisplatin-loaded microspheres (48) 19
Merkli, A., see Zignani, M. (48) 115
Mestecky, J., Moldoveanu, Z., Michalek, S.M., Morrow, C.D., Compans, R.W., Schafer, D.P. and Russell, M.W., Current options for vaccine delivery systems by mucosal routes (48) 243
Michalek, S.M., see Mestecky, J. (48) 243
Mikos, A.G., see Cleek, R.L. (48) 259
Moldoveanu, Z., see Mestecky, J. (48) 243
Morita, R., see Hirano, T. (48) 131
Morrell, C.N., see Chickering, D.E. (48) 35
Morrow, C.D., see Mestecky, J. (48) 243
Naito, M., see Kwon, G. (48) 195
Nichifor, M., Schacht, E.H. and Seymour, L.W., Polymeric prodrugs of 5-fluorouracil (48) 165
Ogata, N., A marriage between natural and synthetic polymers: novel temperature-sensitive bioconjugates (48) 149
Ohashi, S., see Hirano, T. (48) 131
Okano, T., see Cammas, S. (48) 157
Okano, T., see Kwon, G. (48) 195
Park, E.-S., Maniar, M. and Shah, J.C., Influence of physicochemical properties of model compounds on their release from biodegradable polyanhydride devices (48) 67
Park, K., see Li, T. (48) 57
Peppas, N.A., see Am Ende, M.T. (48) 47
Rogers, J.A., see Grundy, J.S. (48) 1
Rogers, J.A., see Grundy, J.S. (48) 9
Ropert, C., see De Oliveira, M.C. (48) 179
Russell, M.W., see Mestecky, J. (48) 243
Saks, S.R. and Gardner, L.B., The pharmacoeconomic value of controlled-release dosage forms (48) 237
Sakurai, Y., see Cammas, S. (48) 157
Sakurai, Y., see Kwon, G. (48) 195
Schacht, E., see Dash, P.R. (48) 269
Schacht, E.H., see Nichifor, M. (48) 165
Schafer, D.P., see Mestecky, J. (48) 243
Schroeder-Tefft, J.A., Bentz, H. and Estridge, T.D., Collagen and heparin matrices for growth factor delivery (48) 29
Seok Bark, J., see Gutowska, A. (48) 141
Seymour, L.W., see Dash, P.R. (48) 269
Seymour, L.W., see Nichifor, M. (48) 165
Shah, J.C., see Park, E.-S. (48) 67
Sintzel, M.B., see Zignani, M. (48) 115
Sone, C., see Cammas, S. (48) 157
Suzuki, K., see Cammas, S. (48) 157
Suzuki, T., see Matsumoto, A. (48) 19
Tabatabay, C., see Zignani, M. (48) 115
Talsma, H., see Hennink, W.E. (48) 107
Thorpe, P.E. and Derbyshire, E.J., Targeting the vasculature of solid tumours (48) 277
Ting, K.C., see Cleek, R.L. (48) 259
Todoroki, T., see Hirano, T. (48) 131
Toncheva, V., see Dash, P.R. (48) 269
van Dijk-Wolthuis, W.N.E., see Hennink, W.E. (48) 107
Veronese, F., see Hirano, T. (48) 131
Wan Kim, S., see Gutowska, A. (48) 141
Westesen, K., Bunjes, H. and Koch, M.H.J., Physicochemical characterization of lipid nanoparticles and evaluation of their drug loading capacity and sustained release potential (48) 223
Wille, J.J., see Kalish, R.S. (48) 79
Wood, J.A., see Kalish, R.S. (48) 79
Yokoyama, M., see Kwon, G. (48) 195
Yoshino, H., see Matsumoto, A. (48) 19
Zignani, M., Merkli, A., Sintzel, M.B., Bernatchez, S.F., Kloeti, W., Heller, J., Tabatabay, C. and Gurny, R., New generation of poly(ortho esters): synthesis, characterization, kinetics, sterilization and biocompatibility (48) 115

ELSEVIER

Journal of Controlled Release 48 (1997) 367–368

journal of controlled release

Subject Index Volume 48 (1997)

Albuterol, (48) 79
Allergic contact dermatitis, (48) 79
Amorphous polymers, (48) 57
Anti-tumor drug, (48) 157
Aqueous solubility, (48) 67
Bioadhesion, (48) 35
Bioavailability, (48) 35
Biocompatibility, (48) 115
Biodegradable microparticles, (48) 259
Biologically controlled systems, (48) 185
Block copolymers, (48) 157, (48) 269
Cancer therapy, (48) 277
Cathepsins, (48) 165
Charge, (48) 47
Chlorpheniramine, (48) 79
Cisplatin, (48) 19
Clonidine, (48) 79
Collagenase, (48) 165
Computer simulation, (48) 57
Computer-controlled drug release, (48) 185
Controlled oral drug delivery, (48) 141
Deconvolution, (48) 9
Dextranase, (48) 107
Dextran, (48) 107
Diffusion coefficient, (48) 57
Diffusion, (48) 47
Dissolution testing, (48) 1, (48) 9
Dissolution, (48) 47
Divinyl ether/maleic acid copolymer, (48) 131
Drug delivery device, (48) 141
Drug delivery, (48) 35
Endothelial cells, (48) 277
Energy transmission systems, (48) 185
Erosion, (48) 67
Ethacrynic acid, (48) 79
Fibrillar collagen, (48) 29
5-Fluorouracil, (48) 115, (48) 165
Gastrointestinal therapeutic system, (48) 1, (48) 9
Gene therapy, (48) 269
Heparin, (48) 29
Hydrogel, (48) 47, (48) 107
Immunotoxins, (48) 277
In vitro release profile, (48) 1
In vitro-in vivo correlation, (48) 9
Intrinsic dissolution rate, (48) 67
Leukocyte adhesion, (48) 131
Liposomes, (48) 243
Loading capacity, (48) 223
Lysosomal enzymes, (48) 165
Magnetic transit control, (48) 185
Mesh size, (48) 107
Microspheres, (48) 35, (48) 243
Mitomycin C, (48) 115
Molecular dynamics, (48) 57
Molecular mobility, (48) 223
Molecular size, (48) 67
Mucosal immunity, (48) 243
Multi-reservoir type microspheres, (48) 19
NMR, (48) 223
Nadolol, (48) 79
Nanoparticles of supercooled melts, (48) 223
Nifedipine, (48) 1, (48) 9
Octanol, (48) 1
Ophthalmology, (48) 115
Oral, (48) 35
Oxprenolol HCl, (48) 47
pH-Sensitive hydrogels, (48) 141
Physicochemical property, (48) 67
Poly(ethylene glycol), (48) 259
Poly(fatty acid dimer-sebacic acid) (P(FAD-SA)), (48) 67
Poly(ortho esters), (48) 115
Poly(DL-lactic-co-glycolic acid), (48) 259
Poly(DL-lactic acid), (48) 19
Poly(DL-lactic-co-glycolic acid), (48) 19
Polyanhydride, (48) 67
Polymer alloys, (48) 19
Polymer blends, (48) 259
Polymeric micelles, (48) 157
Polymeric vector, (48) 269
Prodrugs, (48) 165
Protein release, (48) 107
Protein transport, (48) 47
Re-expanded pulmonary edema, (48) 131
Release kinetics, (48) 67, (48) 115
Self-assembling, (48) 269
Sink conditions, (48) 1
Site-specific drug delivery, (48) 157
Solid lipid nanoparticles, (48) 223

Solid tumours, (48) 277
Solute/polymer interactions, (48) 47
Stabilization, (48) 29
Sterilization, (48) 115
Superoxide dismutase conjugate, (48) 131
Swelling/deswelling kinetics, (48) 141
Temperature-sensitive hydrogels, (48) 141
Thermo-responsive micelles, (48) 157
Transdermal drug delivery, (48) 79
Transforming growth factor beta 2 (TGFβ-2), (48) 29
Vaccine delivery systems, (48) 243
Vaccines, (48) 243
Variable drug release, (48) 185
Vascular targeting, (48) 277
Vectors, (48) 243
Wagner-Nelson method, (48) 9
Zero-order release, (48) 9